



Monmouth County Reclamation Center

Facility Update

September 17, 2024



30, 60 & 90-day Plan

- ***Immediate Actions being Taken to Reduce Odors (<30-days)***

- Increase Application of Neutrolene Odor Neutralizer – **Ongoing**
- Reestablish the Intermediate and Daily Cover Soil Lost due to Erosion - **Completed**
- Install Horizontal Gas Collectors at Prescribed Area on the Top Deck of the Landfill – **Completed**
- Increase Vacuum on the Gas Collection System to Help Minimize Odors - **Completed**
- Increase Number of Aerators to Address Stagnant Water in the Stormwater Ponds - **Completed**
- Prepare Fill Sequencing Plans to Maximize Potential Areas for Rain Tarp and Final Cap - **Completed**

- ***60- to 90-Day Project Planning***

- Installation Additional Gas Wells and Further Expand the Gas System - **Completed**
- Prepare Flare C (current backup flare) for Increased Processing Capacity - **Completed**
- Evaluate Infiltration Capabilities of the Basins – Clean Out Sediment where Necessary – **Ongoing**

30, 60 & 90-day Plan Continued

- **Longer Range Project Implementation (>90-days)**
 - Design and Install a 15-20 Acre Rain Tarp Project
 - Promote more Stormwater Runoff
 - Provide a “Seal” to Capture more Landfill Gas at the Surface
 - **Completed 21-acre temporary cap installation.**
 - Design and Install a Final Cap Project
 - Areas that are at Permitted Fill Elevation – **Design ongoing with construction planned Fall 2025**
 - Additional Erosion and Sedimentation Control - **Ongoing**
 - Additional Gas Collection and Control Capability – **Ongoing**

Gas System Upgrades

Horizontal Surface Gas Collectors



Gas System Upgrades

Vertical Gas Well Installation

Use of Flare C to increase collection capacity



Temporary Cap Construction



Temporary Cap Construction



40-mil Geosynthetic Material



Wind Defender Material Overlay

Completed Temporary Cap







Phase IV Expansion

- Provides capacity for about 25 years;
- Valley fill located between Phase II and Phase III;
- Does not expand into undisturbed areas;
- Construction scheduled to start in October 2024;
- Completion estimated by September 2025;





Monmouth County Complaint Hotline

1. The odor hotline was implemented on April 26, 2024.
2. From implementation through August, the total number of calls received is **37**.
3. There has been a total of 10 odor related calls:
 1. 2 during business hours,
 2. 4 during after-hours.
4. The response time from the moment the phone rang until we were onsite during business hours for “on-going odor” calls (1) was 14 minutes.
5. The average response time from the moment the phone rang until we were onsite during after-hour “on-going” odor calls (6 calls) is 33 minutes.

Odor Hotline calls for *odor* by month:

1. April 2024 – 0 calls
2. May 2024 – 2 calls
3. June 2024 – 2 calls
4. July 2024 – 2 calls
5. August 2024 – 0 calls
6. September 2024 – 4 calls (through September 17, 2024)

Monmouth County Complaint Hotline



ATTENTION RESIDENT!

An investigation was conducted at
your home on _____
(Date)

at _____ A.M./P.M. in response to your
(Time)
complaint.

- At the time of our investigation, an odor was detected
- At the time of our investigation, an odor was not detected
- Other: _____

If you are interested in further information concerning this case, you may contact us at (732) 431-7456, Monday through Friday, between the hours of 8:30 a.m. & 4:30 p.m.

Should you experience future problems or have additional concerns, please contact us at the Monmouth County Health Department Odor Hotline 732-559-6367.

(Investigator)



Sponsored by the Monmouth County
Board of County Commissioners



Questions?

